



GFM 406

Portable Gas Analyzer



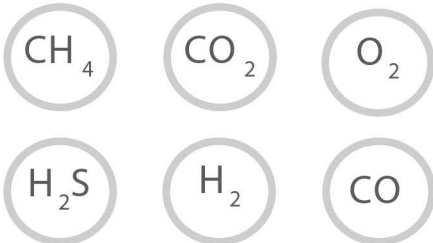
GAS DATA		
CH4	63.4	%
CO2	36.2	%
O2	0.4	%



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The GFM 406 Portable Gas Analyzer makes all work steps as easy as possible for you. Completely configurable, enabling consistent collection of data for improved analysis and accurate reporting. Operation is extremely simple, yet the readings are comprehensive and accurate.



- Custom selection gas monitor
- 6 gas analysis channels
- Small portable design - easy to hold in one hand
- 12-month service interval

Applications

Biogas Monitoring

Biomethane Analysis

Landfill Gas Analysis

Wastewater & Sewage Treatment

H2S Monitoring

Key Benefits

Suitable Solutions

Gas Data equipment has a wide range of internal gas sensors and external attachments, giving you the choice and freedom to purchase your monitoring solution tailored to your operations.

Real-Time Data

The GFM series supports site operations in the best possible way. Quickly and easily, it captures information in just a few minutes, giving you visibility of the production and quality of the gases.

Cost-Effective

Versatile, lightweight and easy to use. The GFM range doesn't require any specialist knowledge, delivering valuable data at your fingertips. A 4-Hour charge from flat provides 8 hours of continuous use.

Technical Specifications

General			
Rating	ATEX, IECEx, UKEx  II 2 G Ex ib IIB T1 Gb		
Dimensions	9"x4"x2.5"	230mmx100mmx65mm	
Weight	2.2 lb.	1kg	
Ambient Temperature Range	14°F to 104°F	-10°C to 40°C	
Protection Rating	IP65		
Flow Rate	500ml/min		

Gas Measurements				
Channel	Sensor Type	Range	Resolution	Accuracy
CH4	WIR	0-100%	0.1%	± 3.0% Landfill configuration
				± 1.0% Biogas configuration
CO2	WIR	0-100%	0.1%	± 3.0% Landfill configuration
				± 1.0% Biogas configuration
O2	EC	0-25%	0.1%	± 0.1%
H2S		0-10000ppm	1ppm	± 100ppm
		0-5000ppm	1ppm	± 50ppm
		0-2000ppm	1ppm	± 20ppm
		0-200ppm	1ppm	± 10ppm
H2		0-2000ppm	1ppm	± 20ppm
		0-1000ppm	1ppm	± 10ppm
		0-4%	0.10%	0.20%
CO		0-2000ppm	10ppm	± 100ppm

Pressure Measurements				
Atmospheric	Transducer	800 to 1200mB	1mbar	± 2mbar
Static		± 100mB	1mB	± 5mbar
		± 400mB	1mB	± 2.0mbar
Differential		± 30mB	1mB	± 5.0mB at ± 25mB
		± 1000Pa	1Pa	± 0.5Pa at ± 1000Pa

Optional Measurements				
		14°F to 212°F	to	°F
				°F

GFM 406 Specific Features

- LEL 0-100% expansion, only with CH4 + CO2 IR
- Vane anemometer to measure gas velocity of 0 to 40m/s
- Short brass probe to measure temperature of 14°F to 212°F -10 to 100 °C
- Expansion balance gas calculation
- Data logger with USB download

Certifications



Advantages of our Annual Servicing & Calibration offering are:

- Complete service of your instrument including, replacing any faulty parts or parts nearing the end of their life
- Recalibration of the instrument
- Highly experienced servicing team, equipped to service, calibrate and repair your instruments worldwide
- Excellent customer service and response time
- 12-month warranty covering any parts required
This is intended to cover internal component failures. Faults caused by negligence, accident, physical damage, missing parts e.g. (gas filters and batteries), will not be repaired free of charge, but cost estimates will be supplied for approval before any work is done



Learn more about Ecotec's design, development and manufacturing of cutting-edge gas detectors and software by visiting our website

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